

VASHKOV, V.I.; KHUDADOV, G.D.; ZAKOLODKINA, V.I.

Rate of penetration and accumulation of P^{32} -labelled chlorophos
in various organs and tissues of houseflies. Zhur. mikrobiol.,
epid. i immun. 42 no.8:3-6 Ag '65. (MIRA 18:9)

1. Tsentral'nyy nauchno-issledovatel'skiy dezinfektsionnyy in-
stitut, Moskva.

L 23/03-66 ENT(1)/T RO/JK

ACC NR: AP6014012

SOURCE CODE: UR/0016/65/000/008/0003/0006

AUTHOR: Vashkov, V. I.; Khudakov, G. D.; Zakolodkina, V. I.

32
B

ORG: Central Scientific Research Disinfection Institute, Moscow (Tsentral'nyy nauchno-issledovatel'skiy dezinfektsionnyy institut)

TITLE: Rate of penetration and accumulation of p sup 32-labeled chlorophos in various organs and tissues of house flies

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 8, 1965, 3-6

TOPIC TAGS: tracer study, phosphorus, insecticide, entomology, biologic metabolism, animal physiology

ABSTRACT: Chlorophos (dipterex) labeled with p³² was applied in an amount of 0.6-0.9 gamma (LD₅₀) to the back of female flies sensitive to insecticides. The content of chlorophos and of metabolites derived from it in various organs and tissues of the flies was determined by means of a counter within 30 minutes to 6 hours after application. The maximum amount of activity within 30 minutes, corresponding to 73°/ooo of that in the chlorophos applied initially, was found in the hemolymph. The next highest amount within 30 minutes (58°/ooo) was found in the digestive system, followed by that in the brain ganglion (40°/ooo). The activity in the hemolymph decreased to 40-50°/ooo within one hour and remained at that level during the next five hours. The activity in the brain ganglion remained at an approximately constant level for 2 hours.

6.455

2

Cord 1/2

UDC: 614.57:615.777/779]: [576.895.772.095.38

L 23403-66

ACC NR: AP6014012

decreasing towards the third hour, while that in the digestive system doubled towards the third hour and then began to decrease. The activity in the Malpighian vessels within 30 minutes and 1, 2, 3, 4, and 6 hours, respectively, was 11, 16, 33, 26, 74, and 29⁰/₀₀; that in wing muscles 5, 40, 29, 26, 23 and 12⁰/₀₀; and that in the thoracic ganglion 0, 0.6, 14, 0, 0, and 0⁰/₀₀.

Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 23Feb65

Card 2/2 -20

KHUDADOV N. A.

KHUDADOV, N. A.

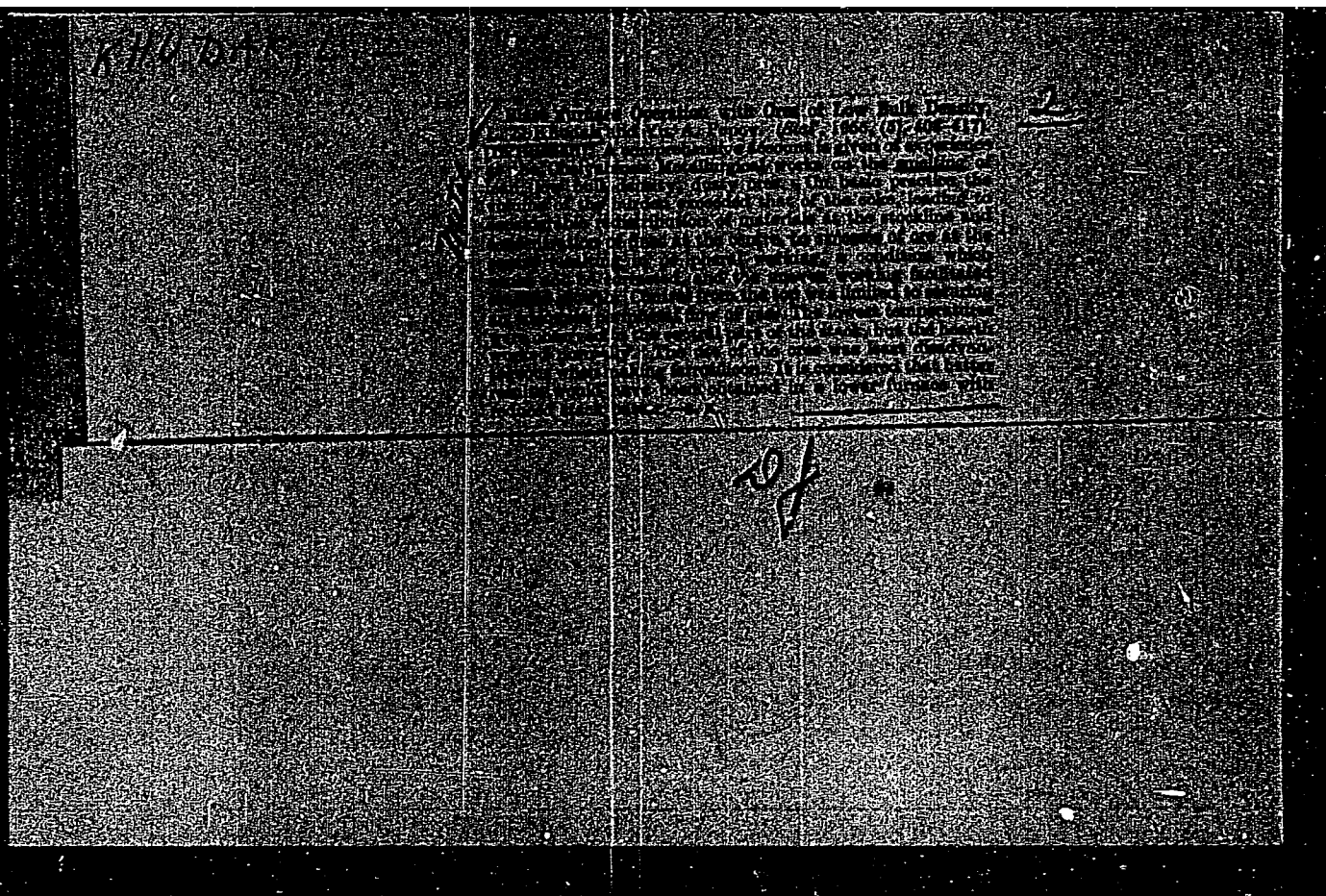
"Study of Agility in Boxers and of Methods of Developing It." State Central
Order of Lenin Inst of Physical Culture imeni I. V. Stalin, Moscow, 1955.
(Dissertation for the Degree of Candidate of Pedagogic Sciences)

SO: M-972, 20 Feb 56

KHUDADOVA, A.

Ten thousand lives. Nauka i zhizn' 28 no.11:10-15 N '61.
(MIRA 14:12)

(BOGUSH, LEV KONSTANTINOVICH)
(TUBERCULOSIS)



KHUDAK, Z.

Developing norms for time expended per unit of production in
the fur industry. Biul. nauch. inform.: trud i zar. plata 3
no. 11:23-30 '60. (MIRA 14:1)

(Fur)

(Time study)

KHUDAK, Z.I.

Method of determining potential production capacity in the fur
industry. Kozh.-obuv.prom. 2 no.1:8-11 Ja '60. (MIRA 13:5)
(Fur)

KHUDAK, Z.I.; PASVOL'SKAYA, D.S., kand.tekhn.nauk

Methods for preparing the balance sheets of raw materials,
production and consumption of fur goods. Kosh.-obuv. prom. 2
no. 11:4-6 N '60. (MIRA 13:12)

1. Rukovoditel' laboratorii ekonomicheskikh issledovaniy (for
Khudak).

(Fur)

KHUDAK, Z.I.

Reorganization of the fur garment industry. Kozh. pobav. prom. 6
no.8:9-11 Ag '64. (MIRA 17:10)

KHUDAK, Z.I.

Standard norms for the number of auxiliary workers in the
fur industry. Kozh.-buv. prom. 7 no.7:9-11 JI '65.

(MISA 18:8)

1. Rukovoditel' laboratorii ekonomicheskikh issledovaniy
Vsesoyuznogo nauchno-issledovatel'skogo instituta mekhovoy
promyshlennosti.

KHODAK. 101.

Improvement of production quality as potential for the growth
of labor productivity. Kozh.-obuv. prom. 7 no.9:10-12 S '65.
(MIRA 18:9)

KHUDAK, Z.I.

Basic ways of increasing the labor productivity in the fur industry.
Kozh.-obuv.prom. 3 no.12:8-9 D '61. (MIRA 15:1)

1. Nachal'nik laboratorii ekonomicheskikh issledovaniy Nauchno-
issledovatel'skogo instituta mekhovoy promyshlennosti.
(Fur industry--Labor productivity)

KHUDAK, Z.N., inzh.

Methods of measuring the volume of production and labor productivity
in the fur industry. Nauch.issl.trudy NIIMP no.11:71-79 '62.
(MIRA 16:5)

(Fur) (Productivity accounting)

BLINOV, G.I.; NEDOBESHKIN, A. Ye.; ENUDAKOV, V.I.

Automatic devices for pouring petrochemical products into rail-
road tank cars. Nefteper. i neftekhim. no.11:36-38 '64
(MIRA 18:2)

K HUDARKOVSK 14, N. P.

RUBINOV, Aleksandr Davidovich, KUTAY, A.K., kand.tekhn.nauk, dots., retsenzent,
KHUDARKOVSKIY, N.P., inzh.retsenzent., ABADZHI, K.I., inzh.red.;
BORODULINA, I.A., red.; POL'SKAYA, R.G. tekhn.red.

[Organizing and carrying out laboratory work in the subject "Tolerances,
fits, and engineering measurements."] Organizatsiia i provedeniia
laboratornykh rabot po predmetu "Dopuski, posadki i tekhnicheskie
izmereniia." Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.
lit-ry, 1958. 150 p. (MIRA 11:9)

(Tolerance (Engineering))
(Mensuration)
(Engineering)

KHANDAS, A. L.

133-10-14/26

AUTHOR: Filonov, V. A., Ksenzuk, F. A., Lola, V. H., and
Khudas, A. L. Engineers.

TITLE: Production of Hot Rolled Plates from the Kh18N25S2 Steel.
(Proizvodstvo Goryachekatanogo Lista Iz Stali X18H25C2).

PERIODICAL: Stal', 1957, No.10, pp. 917-918 (USSR).

ABSTRACT: Heating of 10.5 t. ingots from X18H25C2 steel and their rolling into slabs, as well as subsequent heating of slabs and their rolling into plates was investigated in order to determine the most suitable practice. According to OCT-5632-51, the above steel should have the following composition: 0.30-0.40% C; $\leq 1.5\%$ Mn; 2.0-3.0% Si; $\leq 0.035\%$ P; $\leq 0.025\%$ S; $\leq 17.0-20.0\%$ Cr; 23.0-26.0% Ni. The following heating practice was adopted; temperature of the pit during charging 950°C ; rate of heating until soaking period $80-100^{\circ}\text{C/hr}$, the temperature of walls during soaking $1200-1220^{\circ}\text{C}$; duration of soaking 2 hours 45 min.; total heating time 6 hours 10 min. Two ingots were rolled into slabs (115 x 1050 mm) from one heating in 39 and 35 passes respectively. One ingot was rolled with intermediate heating after 16 passes (thickness 400 mm) for 1 hour 20 min. at 1220°C and subsequent finishing in 23 passes. The maximum value of absolute reduction per pass did not exceed 10-15 mm. The surface quality of all ingots was approximately the

Card 1/2

KSENZUK, F.A., inzh.; KHUDAS, A.L., inzh.; TROSHCHENKOV, N.A., inzh.;
GAMERSHTEYN, V.A., inzh.; AKIMOV, E.P., inzh.; IOFFE, M.M., inzh.;
VEKLICH, M.I., inzh.; ANTIPENKO, V.G., inzh.; TILIK, V.T., inzh.;
FILONOV, V.A., inzh. [deceased]; BORISENKO, V.G., inzh.

At the "Zaporozhstal'" plant. Stal' 23 no.6:554, 562, 572, 575
Je '63. (MIRA 16:10)

KSENZUK, Feofan Andreyevich; KHUDAS, Aleksandr Luk'yanovich;
VLADIMIROV, Yu.V., red.

[Operator of continuous hot rolling sheet mills] Val'tsov-
shchik nepreryvnykh listovykh stanov goriachei prokatki.
Moskva, Metallurgiya, 1965. 127 p. (MIRA 18:7)

KHUDASH, L. S.

KHUDASH, L. S.: "A study of the prose of I. Ya Franko in the ninth class of the intermediate school." Kiev State Pedagogical Inst imeni A. M. Gor'kiy. Kiev, 1956. (Dissertation for the Degree of Candidate in Pedagogical Science.)

Knizhnaya Letopis'
No 32, 1956. Moscow.

KHUDADATOV, A. I.

Some methodological problems of preserving gamma irradiation.
Izv. AN Azerb,SSSR. Ser.biol. i med.nauk no. 12:33-37 '61.
(MIRA 17:5)

KHUDATOV, G. D.

"Methods for Labeling Arthropods of Epidemiological Importance by
Radioactive Isotopes and Methods for Discovering Labeled Individuals."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Central Scientific Research Institute for Disinfection (Moscow)

KHUDAVERDIYEV, G. T.

137-58-3-5819

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 192 (USSR)

AUTHOR: Khudaverdiyev, G. T.

TITLE: On the Effect of Small Concentrations of Nickel and Silicon on the Thermal Conductivity of Copper (O vliyanii malykh kontsentratsiy nikelya i kremniya na teploprovodnost' medi)

PERIODICAL: Tr. Azerb.gos. zaachn. ped. in-ta, 1957, Vol 4, Nr 1, pp 31-40

ABSTRACT: The thermal conductivity λ of binary alloys of Cu with 2, 4, and 6 percent Si and with 2, 4, 6, and 8 percent Ni was measured, together with the thermal conductivity of Cu-Si-Ni alloys with a 10 percent summary (Ni + Si) content which were prepared from pure (99.9 percent) components by fusing in graphite crucibles. The λ was measured on cast specimens which had been tempered at 820° and annealed at 650°. Additions of up to 4 percent Ni and Si sharply reduce the λ of Cu, the Si being more effective in the process than the Ni. Further increases in the content of Si and Ni do not affect the magnitude of λ appreciably.

Card 1/1

A. F.

KHUDAVERDIYEV, G.T., starshiy prepodavatel'

Effect of small silicon and nickel concentrations on the electric
conductivity of copper alloys. Trudy Azerb. gos. zaach. ped. inst.
6:145-154 '59. (MIRA 14:8)
(Copper-nickel-silicon alloys--Electric properties)

34561

S/044/62/000/001/027/061
C111/C444

16.3500

AUTHOR: Khudaverdiyev, K. I.

TITLE: The solution of the mixed problem for some non-linear equations of the hyperbolic type

PERIODICAL: Referativnyy zhurnal, Matematika, no. 1, 1962, 45.
abstract 1B221. ("Uch. zap. Azerb. un-t. Fiz.-matem. i khim. ser.", 1961, no. 1, 21-27)

TEXT: Considered is the equation

$$\frac{\partial^2 u}{\partial t^2} - a^2 \frac{\partial^2 u}{\partial x^2} = F[\lambda, t, x, u, u_t, u_x'] \quad (1)$$

with the boundary and initial conditions

$$u(t, 0) = u(t, 1) = 0 \quad (2)$$

$$u(0, x) = \varphi(x), \quad u_t(0, x) = \psi(x) \quad (3)$$

where $0 \leq t \leq T < \infty$; $0 \leq x \leq 1 < \infty$, a be an arbitrary positive number, λ be a parameter, F, φ, ψ be given functions. Under certain suppositions on F, φ, ψ, T and λ one proves the existence and the

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S/044/62/000/001/027/061
C111/G444

The solution of the mixed problem ...

uniqueness of the generalised solution, of the solution almost everywhere and of the classical solution of the problem (1), (2), (3). One evaluates approximative solutions of (1), (2), (3). One investigates the correctness of the problem, the existence and uniqueness of the approximative solutions, the convergence of the approximative solutions to the strict (generalised) solution, and the speed of convergence. We give some of these theorems. If (1) is substituted by the equation

$$\frac{\partial^2 u}{\partial t^2} - a^2 \frac{\partial^2 u}{\partial x^2} = f[t, x, u, u_t', u_x'] , \quad (1')$$

then it holds:

Theorem 1: Let 1.) the function $f[t, x, u, v, w]$ be defined on the topological product $D \times (-\infty, \infty) \times (-\infty, \infty) \times (-\infty, \infty)$, being measurable for all fixed (u, v, w) with respect to (t, x) . 2.) for almost all $(t, x) \in D$ holds: $|f(t, x, u, v, w) - f(t, x, \tilde{u}, \tilde{v}, \tilde{w})| \leq$

$b(t) [|u - \tilde{u}| + |v - \tilde{v}| + |w - \tilde{w}|]$, where $b(t) \in L[0, T]$.

3.) $f[t, x, 0, 0, 0] \in L_2(D)$. 4.) $\varphi'(x), \psi(x) \in L_2[0, 1]$ and $\varphi(0) = \psi(1) = 0$.

Card 2/3

KHUDAVERDIYEV, K.I.

Use of Fourier's method in solving a mixed problem for a certain
class of nonlinear fourth-order equations. Uch. zap. AGU. Ser.
fiz.-mat. i khim. nauk no.4:17-30 '61. (MIRA 16:6)
(Differential equations)

KHUDAVERDIYEV, K.I.; GASANOV, K.K.

Use of the method of wave regions in solving a one-dimensional
mixed problem for quasilinear hyperbolic equations of the second
order. Uch. zap. AGU. Ser. fiz.-mat. nauk no.1:3-9 '63
(MIRA 18:1)

S/020/63/148/003/002/037
B112/B186

AUTHORS: Guseynov, A. I., Khudaverdiyev, K.³ I.

TITLE: Solution by Fourier method of a one-dimensional mixed problem for quasilinear hyperbolic second-order equations

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 148, no. 3, 1963, 496-499

TEXT: The present paper is a continuation of previous studies by the second author (Uch. zap. Azerb. gos. univ. im. S. M. Kirova, ser. fiz.-matem. i khim. nauk, no. 3 (1960), no. 4 (1960), no. 1 (1961), no. 4 (1961)). Existence and uniqueness theorems are derived for the generalized solution, for the almost-everywhere solution and for the k-fold ($k \geq 2$) continuously differentiable solutions of the problem

$$\begin{aligned} \frac{\partial^2 u}{\partial t^2} - a^2 \frac{\partial^2 u}{\partial x^2} &= \lambda F \left[t, x, u, \frac{\partial u}{\partial t}, \frac{\partial u}{\partial x} \right], \\ u(t, 0) &= u(t, l) = 0, \\ u(0, x) &= \varphi(x), \quad u_t(0, x) = \psi(x), \end{aligned} \quad (A)$$

Card 1/2

USSR/Diseases of Farm Animals. General Problems.

R

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69472.

Author : Khudaverdiyev, N.; Askerov, A.; Minasarov, A.

Inst :

Title : The Use of Antibiotics for the Control of Certain Diseases in Swine.

Orig Pub: Azerbaydzhan sosyalist kend. teserrufaty. Sots. s.
kh. Azerbaydzhana, 1957, No 9, 42-44.

Abstract: No abstract.

Card : 1/1

AMBARTSUNYAN, M.S., KHUDAVERDYAN, A.A. (Leninakan)

A case of complication following the use of penicillin. Klin.med.
36 no.6:144 Je '58 (MIRA 11:7)

(PENICILLIN, inj. eff.
allergic reaction (Rus))
(ALLERGY
to penicillin (Rus))

84712

S/056/60/039/001/032/041/XX
B006/B056

24.6720

AUTHORS:

Vartapetyan, G. A., Khudaverdyan, A. G.

TITLE:

The Level Scheme of Ta^{181}

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960,
Vol. 39, No. 1(7), pp. 25-26

TEXT: The authors investigated the decay scheme of Hf^{181} by the $\beta\gamma$ -coincidence method for the purpose of determining the half-life of 619-kev level, which had previously been determined to amount to

$<10^{-8}$ sec. The β -detection was carried out with 2 mm thick anthracene, gamma detection by means of a NaI(Tl) crystal (30x25 mm). Switching of the fast - slow coincidences consisted of energy discrimination channels, a slow coincidence - switching ($2 \cdot 10^{-6}$ sec) and a fast-coincidence

switching ($5 \cdot 10^{-9}$ - $2 \cdot 10^{-8}$ sec). Fig. 1 shows the measured coincidence curves ($e_{133}^- + \beta$) - γ and β - γ at 480 kev; analogous measurements at 345 kev gave similar curves. From the results obtained it is concluded

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847k2

The Level Scheme of Ta¹⁸¹

S/056/60/039/001/032/041/XX
B006/B056

that, contrary to the Ta¹⁸¹ decay scheme (Refs. 2, 3), no 137-keV gamma transition from the 619-keV to the 482-keV level takes place. Measurements further showed that a 619-keV gamma transition exists, which coincides with the 404-keV beta transition. Its half-life was found to be

$< 10^{-9}$ sec. Fig. 2 shows the gamma spectrum coinciding with the 404-keV β -radiation. (An aluminum filter (30 mg/cm²) was inserted into the β -channel, like one for the purpose of obtaining the β - γ -coincidence curve in Fig. 1. It absorbed the 133-keV conversion electrons.) Photons with 480 and 345 keV were recorded, which coincided with the 136-keV photons. This was proven by the results obtained by the triple coincidences $\beta_{404} - \gamma_{136} - \gamma_{480}$ and $\beta_{404} - \gamma_{136} - \gamma_{345}$. The results obtained by these investigations are summarized as follows: 1) There is no gamma transition with 137 keV from the 619-keV level to the 482-keV level ($T_{1/2} = 10^{-8}$ sec).

2) There exists a 619-keV gamma transition; two new gamma transitions were found with about 480 and 345 keV, which coincided with the 136-keV gamma transition. 3) The 619-keV level has $T_{1/2} < 10^{-9}$ sec. It is not identical with the 615-keV rotational level ($K = 1/2^+ [411]$). The authors

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L 14493-65 EAT(w) DLAP/APNL/SND/ESD()

ACCESSION NR: AP4048636

8/0048/64/028/010/1657/1663

AUTHOR: Vartapetyan G.A.; Gariyanyan T.A.; Demekhina N.A.; Muradyan S.G.; Khudaverdyan A.G.

TITLE: Properties of the levels and radiations of the odd-A nuclei Cs^{131} and Cs^{133}
 Report, Fourteenth Annual Conference on Nuclear Spectroscopy held in Tbilisi 14-22 Feb 1964

SOURCE: AN BSSR, Izv. Seriya fizicheskaya, v.28, no.10, 1964, 1657-1663

TOPIC TAGS: nuclear physics, nuclear radiation, nuclear structure, gamma emission

ABSTRACT: Delayed γ -coincidence measurements were performed with Cs^{131} (and in one case with Cs^{133}) in order to obtain information concerning the nature of the excited states and the extent to which they involve collective motions. KI crystals were used in a delayed coincidence circuit with a resolving time of 10^{-8} sec. The performance of the circuit was checked by observing prompt coincidences from Co^{60} . With the aid of the known different lifetimes of the 124 and 133 keV Cs^{131} levels, it was determined from the delayed coincidence measurement results that the 1039 keV level decays almost 15 times more frequently to the 124 keV level than to the

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ACCESSION NR: AP4048636

133 keV level. This contradicts conclusions drawn from the model of L.W. Person and I.O. Rasmussen (Nucl. Phys. 36, 166, 1962). The half-life of the 620 keV Cs^{131} state was measured by triple $\text{KX}30\text{-}\gamma 485\text{-}\gamma 124$ coincidences, and that of the 438 keV Cs^{133} state was measured by a similar method. Both half-lives were found to be less than 1.5×10^{-10} sec. The half-life of the 1039 keV Cs^{131} state was found by delayed $\text{KX}30\text{-}\gamma 1039$ coincidences to be less than 2×10^{-9} sec. The half-life of the 133 keV Cs^{131} state was found to be 15.5×10^{-9} sec; this is in agreement with the finding of E. Bodensadt et al (Nucl. Phys. 20, 557, 1960). The angular correlation of the 485 and 124 keV γ -rays of Cs^{131} was examined and an anisotropy of the order of 0.01 was found. It is concluded that the decay of the 124 keV level is 97% by M1 transition and 3% by E2. The ratio of the reduced E2 width to the theoretical value for a single-particle state was found to be greater than 4.5 for the 356 keV Cs^{133} state, greater than unity for the 485 keV Cs^{131} state, and approximately 6 for the 133 keV Cs^{131} state. These estimates are in satisfactory agreement with calculations of H. Sorensen (Phys. Rev. 133, B281, 1964) in which nucleon pairing and collective vibrations were taken into account. The significance of these findings for models of odd-A nuclei is discussed. "In conclusion the authors express their gratitude to A.I. Alikhanyan for his interest in the work." Orig. art. has: 2 formulas, 4 figures and 3 tables.

L 1489-65

ACCESSION NR: AP 4048636

ASSOCIATION: Fizicheskiy Institut Gosudarstvennogo komiteta po ispol'zovaniyu atom-
noy energii SSSR (Physics Institute, State Committee on the Uses of Atomic Energy,
SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: NP

NR HRT SOV: 005

OTHER: 020

2/3

L 25594-66 EWT(m) DIAAP JD/JG

ACC NR: AF6000903

SOURCE CODE: UR/0022/65/018/004/0094/0100

AUTHOR: Vartapetyan, G. A.; Khudaverdyan, A. G.

ORG: Physics Institute, GKAE, Yerevan (Fizicheskiy institut GKAE)

TITLE: Gamma-gamma angular correlation in the nucleus Cs^{131}

SOURCE: AN ArmSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, v. 18, no. 4, 1965, 94-100

TOPIC TAGS: cesium, radioactive decay, gamma transition, scintillation spectrometer, nuclear spin, gamma quantum, barium, angular distribution

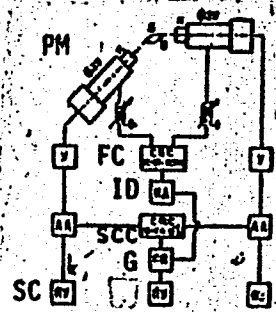
ABSTRACT: Inasmuch as a verification of the existence of an angular correlation for 495--124 kev cascade in Cs^{131} can answer uniquely whether the level 124 kev has spin 1/2 or not, the authors have measured this angular correlation using apparatus consisting of two scintillation gamma spectrometers connected for fast-slow coincidences (Fig. 1). The individual units of the apparatus are described in detail. The Cs^{131} was obtained from the decay of Ba^{131} . The angular distribution was found to be $W(\theta) = 1 + (0.0063 \pm 0.0015)P_2(\cos\theta) - (0.0005 \pm 0.03)P_4(\cos\theta)$, where P stands for the Legendre polynomial. The results show that anisotropy is caused by the correlation of the 495 and 124 kev gamma quanta, and this proves that the spin of 124 kev level is 1/2. The ratio of E2 to M1 in the gamma transition of 124 kev is found to be 0.178 ± 0.03 . It follows therefore that 124 kev transition is of the form $M1(96.9 \pm 0.5)\% + E2(3.1 \pm 0.5)\%$, giving an E2 enhancement of the order of 20. The results are discussed in detail elsewhere (Izv. AN SSSR Ser. fiz. v. 28, no. 10, 1964, 1657).

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ACC NR: AP6000903

Fig. 1. Block diagram of apparatus. S -- source, K -- NaI(Tl) crystals, PM -- photomultiplier, Y -- amplifier, AA -- pulse-height analyzer, FC -- fast coincidence circuit, ID -- integral discriminator, SCC -- slow coincidence circuit, G -- gate circuit, SC -- scaler.



Author thanks A. I. Alikhanyan for interest in the work. Orig. art. has: 7 figures and 5 formulas.

SUB CODE: 20/ SUBM DATE: 10Apr64/ ORIG REF: 007/ OTH REF: 009

Card 2/2 f/

VARTAPEYAN, G.A.; KHUDAVERDYAN, A.G.

Gamma-gamma angular correlation in the Cs^{131} nucleus. Izv. AN Arm.
SSR. Ser.fiz.-mat. nauk 18 no.4:94-100 '65. (MIRA 18:9)

1. Fizicheskiy Institut Gosudarstvennogo komiteta po ispol'zovaniyu
atomnoy energii SSSR, Yerevan.

S/056/61/041/006/002/054
B108/B138

AUTHORS: Vartapetyan, G. A., Petrosyan, Z. A., Khudaverdyan, A. G.
TITLE: Forbidden E1 transitions in Tb^{159} and Yb^{173}
PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 41,
no. 6(12), 1961, 1704-1709

TEXT: The authors measured the absolute probability for E1 transitions in Tb^{159} and Yb^{173} . The half-life of the 364-kev level of Tb^{159} was determined by the method of delayed β - γ coincidences, using an $\Phi 3Y-33$ (FEU-33) photomultiplier and a "fast-slow" coincidence circuit with a time resolution of $6 \cdot 10^{-9}$ sec. The half-life of the 364-kev level was $(1.7 \pm 0.7) \cdot 10^{-10}$ sec. The half-life of the 351-kev level of Yb^{173} was measured with the aid of coincidences of 50-kev x-ray photons and 272-kev gamma quanta. The detector system had a time resolution of $9 \cdot 10^{-9}$ sec. The value found was $(4.2 \pm 0.7) \cdot 10^{-10}$ sec. The probabilities of

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Forbidden E1 transitions in...

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B108/B138

E1 transitions in Tb^{159} are $P_{364} = 4 \cdot 10^9 \text{ sec}^{-1}$ and $P_{225} = 1.2 \cdot 10^8 \text{ sec}^{-1}$.
The respective values for the levels of Yb^{173} are $P_{351} = 4.7 \cdot 10^7 \text{ sec}^{-1}$,
 $P_{272} = 1.35 \cdot 10^9 \text{ sec}^{-1}$, $P_{171} = 1.65 \cdot 10^8 \text{ sec}^{-1}$. Two groups of E1 transitions
were found. The transition probabilities of the first agree well with the
values calculated after the Nilsson model (S. Nilsson. Mat.-Fys. Medd.
Dan. Vid. Selsk., 29, 16, 1955), and those of the second differ between
40 and 530 times from the theoretical values. A. I. Alikhanyan is thanked
for his interest. Mention is made of B. S. Dzhelepov et al. (Izv. AN SSSR,
seriya fiz., 22, 795, 1958) and E. Ye. Berlovich et al. (Soobshcheniye na
XI konferentsii po yadernoy spektroskopii, Riga, 1961). There are
2 figures, 3 tables, and 16 references: 5 Soviet and 11 non-Soviet. The
four most recent references to English-language publications read as
follows: F. Metzger, W. Todd. Nucl. Phys., 13, 177, 1959; O. Nathan,
V. I. Popov. Nucl. Phys., 21, 631, 1960; K. Toth, O. Nielsen. Nucl. Phys.,
22, 57, 1961; J. Richard et al. Phys. Rev., 116, 720, 1959.

Card 2/3

Forbidden E1 transitions in...

S/056/61/041/006/002/054
B108/B138

ASSOCIATION: Fizicheskiy institut Akademii nauk Armyanskoy SSR (Physics
Institute of the Academy of Sciences Armyanskaya SSR)

SUBMITTED: May 5, 1961

Card 3/3

ACCESSION NR: AP4009086 S/0056/63/045/006/1720/1726

AUTHOR: Vartapetyan, G. A.; Khudaverdyan, A. G.; Gaxibyan, T. A.

TITLE: Collective effects in the Cs-131 nucleus.

SOURCE: Zhurnal eksper. i teoret. fiziki, v. 45, no. 6, 1963, 1720-1726

TOPIC TAGS: Cesium 131, cesium 131 nucleus, collective effects, rotational motion, vibrational motion, single particle motion, even even nucleus, energy level scheme, odd A nucleus, shell model calculation, independent particle model

ABSTRACT: New experimental data on Cs¹³¹ are reported. These include a new 907 keV transition; a half-life $< 2 \times 10^{-9}$ sec for the 1039 keV transition, and a ratio 14.5 ± 3 for the intensities of the 918 and 907 γ transitions. The observed E2 transitions (124, 133, and 495 keV) are found to be accelerated compared with the indepen-

Card 1/12

ACCESSION NR: AP4009086

dent-particle model, thus pointing to the existence of collective effects in the Cs^{131} nucleus. It is shown that the intensity ratio of the 918 and 907 keV γ transitions and the characteristics of the 133 keV level are not accounted for by the pure rotational model of L. W. Person and J. P. Rasmussen (Nucl. Phys. v. 36, 666, 1962), and this level cannot have an assignment $7/2^+$. It is concluded that the internal structure of the Cs^{131} nucleus is changed when it decays from the 124 keV level to the ground state, and it is suggested that the calculations of Person and Rasmussen be repeated with account taken of the existence of two close-lying independent-particle levels (ground and excited 124-keV levels). A more adequate model should take into account the interactions of the rotational, vibrational, and independent-particle motions. "In conclusion, the authors wish to thank A. I. Alikhanyan for his interest, and E. Muradyan, A. A. Tashchyan, and N. Demekhina for assistance with the measurements." Orig. art. has: 3 figures, 7 formulas, and 2 tables.

Card 2/3

SARKISYAN, S.M.; ~~KHUDAYERDYAN, E.S.~~

Selective fertilization in the silkworm. Izv. AN Arm.SSR. Biol. i
sel'khoz. nauki 2 no.6:531-536 '49. (MLRA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Armyanskoy SSR. i
Yerevanskiy opornyy punkt shelkovodstva.
(SILKWORMS) (FERTILIZATION (BIOLOGY))

KH. DAVERDYAN, G.

Revaluation of basic resources of the national economy of the
Armenian S.S.R. Prom. Arm. 4 no. 10:21-24 0 '61.

(MIRA 14:11)

(Armenia--Economic conditions)

KHURDAVERDYAN, V. *M.*

EPP.
.R93075

METOD PROYEKTIROVANIYA SOSTAVOV TUFOBETONA. YEREVAN, IZD-VO AKADEMII NAUK
ARMYANSKOY SSR, 1950. 39 p. GRAPHS, TABLES. AT HEAD OF TITLE: AKADEMIYA
NAUK ARMYANSKOY SSR, YERIVAN, INSTITUT STROYMATERIALOV. BIBLIOGRAPHICAL
FOOTNOTES.

KHUDAVERDIYAN, V.M.

Plasters made from gypsum-clay mixtures with filler. Izv.AN Arm.SSR
Ser.FMET nauk 5 ne.1:67-69 '52. (MIRA 9:7)

1.Institut stroitel'nykh materialov i sooruzheniy Akademii nauk
Armenyanskey SSR.
(Plaster)

KHUDAVERDYAN, V. M.

ZAKHAROV, L.A., redaktor; SIMONOV, M.Z., redaktor; ~~KHUDAVERDYAN, V.M.~~
redaktor; KAPLANYAN, M.A., tekhnicheskii redaktor

[Proceedings of a conference on the theory of the technology of
concretes] Trudy soveshchaniia po teorii tekhnologii betonov.
Erevan, 1956. 359 p. (MIRA 10:4)

1. Akademiya nauk Armyanskoy SSR, Yerivan. Institut stroitel'nykh
materialov i sooruzheniy.
(Concrete)

KHUDAVERDYAN, V.M.

Determining the frequency of natural vibrations of certain building materials by listening to sonic resonance. *Izv. AN Arm. SSR, Ser. tekhn. nauk* 10 no.1:3-8 '57. (MIRA 10:10)

1. Institut stroitel'nykh materialov i sooruzheniy AN Armyanskoy SSR.
(Vibration--Measurement)

KHUDAVERDYAN, V.M.

KHUDAVERDYAN, V.M.

Rehardening of dry-season concrete caused by its subsequent
water absorption. Izv.AN Arm.SSR.Ser.tekh.nauk 10 no.2:51-62 '57.
(MIRA 10:10)

1. Institut stroitel'nykh materialov i sooruzheniy AN Armyanskoy SSR.
(Concrete)

SIMONOV, M.Z., red.; KHUDAVERDYAN, V.M., red.; KAPLANYAN, M.A., tekhn.red.

[Lithoidal pumice concrete to be used for hydraulic structures]
Gidrotekhnicheskii beton na litoidnoi pemze. Erevan, 1958.
293 p. (MIRA 12:11)

1. Akademiya nauk Armyanskoy SSR. Yerevan. Institut stroitel'nykh materialov i sooruzheniy. 2. Institut stroitel'nykh materialov i sooruzheniy AN Armyanskoy SSR (for Simonov, Khudaverdyan).
(Lightweight concrete)

KHUDAVYERDYAN, V. N.

30280

Printsipy proyektirovaniya sostavov tufobyetona. Trudy IV. Vsesoyuz. konf-tsii po byetonu i zhyelyezobeton. Konstruktsiyam. Ch. 3. M. - L., 1949, s. 101-09

SO: LETOPIS' NO. 34

KHUDAVERDYAN, V.M.; KHACHIYAN, M.G.

Determination of the frequency of free vibrations of some building
materials by a visual method of sound measurement. Trudy Arm.
inst. stroimat. i soor. no.1:287-292 '59. (MIRA 14:12)
(Building materials-Testing)
(Vibration)

KHUDAVERDYAN, V.M.

Secondary hardening of concrete dried at an early stage.

Izv. AN Arm. SSR Ser. tekhn. nauk 14 no.6:39-51 '61.

(MIRA 16:8)

1. Armyanskiy nauchno-issledovatel'skiy institut stroymaterialov i sooruzheniy.

KHUDAVERDYAN, V.G.

Malignant tumors of the upper respiratory tract in the
Armenian S.S.R. for 1953-1962. Zhur. eksp. i klin. med. 3
no.5:77-81 '63. (MIRA 17:2)

1. Yerevanskly institut rentgenologii i onkologii AMN SSSR.

KHUDAY-VERENOV, M.G.
KHUDAY-VERENOV, M.G.

Theorems about limit cycles for Lienard's equation. *Usp.mat.nauk*
12 no.3:389-396 My-Je '57. (MIRA 10:10)
(Differential equations)

KHUDAY-VERENOV, M.G., Cand Phys Math Sci — (diss) "Evaluation
of the number of limit cycles for autonomous systems of three
differential equations. Concerning the structure of the solution
of one differential equation with a rational right-hand ^{part} ~~side~~." ✓

Mos, 1959, 3 pp (Mos State Univ in M.V. Lomonosov) 150 copies.

Bibliography at end of text (13 titles) (KL, 36-59, 112)

10

16(1) 16.3400

66157

AUTHOR: Khuday-Verenov, M.G.

SOV/20-128-5-9/67

TITLE: On the Number of Limit Cycles of the System $\frac{dy}{dx} = \frac{Q(x,y,z)}{P(x,y,z)}$,
 $\frac{dz}{dx} = \frac{R(x,y,z)}{P(x,y,z)}$, Where $P(x,y,z)$, $Q(x,y,z)$ and $R(x,y,z)$ are
 Polynomials of Second Degree

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 5, pp 899-902 (USSR)

ABSTRACT: The author transfers some results of I.G.Petrovskiy and Ye.M. Landis [Ref 1,2] to the case mentioned in the title; he applies the method of [Ref 1,2]. The number of the limit cycles in a small neighborhood of a point of the space of coefficients is estimated from above.
 There are 2 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova
 (Moscow State University imeni M.V.Lomonosov)

PRESENTED: June 6, 1959, by I.G.Petrovskiy, Academician

SUBMITTED: June 4, 1959

Card 1/1

KHUDAY-VERENOV, M.G.

One everywhere dense set. Izv. AN Turk. SSR. Ser. fiz.-tekhn., khim. i
geol. nauk. no. 3:3-11. '62. (MIRA 16:5)

1. Turkmenskiy gosudarstvennyy universitet imeni A.M. Gor'kogo.
(Aggregates)

35310

S/039/62/056/003/002/004
B125/B102

16.3400

AUTHOR: Khuday-Verenov, M. G. (Ashkhabad)

TITLE: A property of the solutions of a differential equation

PERIODICAL: Matematicheskii sbornik, v. 56(98), no. 3, 1962, 301 - 308

TEXT: The singular points M_i ($i = 1, 2, \dots, n+1$) of the equation $dy/dx = P(x, y)/Q(x, y)$ (1), where P and Q are polynomials of the degree n , are investigated. The coordinates of these points satisfy the equations $\tilde{P} - \eta \tilde{Q} = 0$, $\xi = 0$, where $\tilde{P} = \xi^n P(1/\xi, \eta/\xi)$, $\tilde{Q} = \xi^n Q(1/\xi, \eta/\xi)$.

It is demonstrated that, under certain conditions each solution of (1) contains at least one singular point. Further, it is shown that almost each solution of (1) contains all the singular points. Finally, the density of solutions in the neighborhood of singular points is investigated.

SUBMITTED: June 18, 1960

Card 1/1

KHUDAYAROV, I. A.

24110 KHUDAYAROV, I. A. Gorno-lugovye pochvy konakhkend'skogo rayona i ikh ratsional'noye ispol'zovaniye. Izvestiya Akad. nauk Azerbaydzh. SSR, 1949, No. 7, S. 8-16. Na azerbaydzh. Yaz. - Resyume na rus. yaz. - Bibliogr: 6 nazv.

SO: Letopis, No. 32, 1949.

SEIDOV, Kh.K.; KHUDAYAROV, I.A.

Effect of top dressing on the yield of spring wheat on the eroded
soils of Shemakha District [in Azerbaijani with summary in Russian].
Dokl.AN Azerb.SSR 12 no.10:737-742 '56. (MLRA 10:1)
(Shemakha District--Wheat) (Erosion) (Phosphates)

KHUDAYAROV, I.A.

Resistance to erosion of some soil types in the alpine parts
of Azerbaijan. Trudy Sek. eroz. AN Azerb. SSR 1:59-63 '61.
(MIRA 15:8)
(Azerbaijan--Erosion)

L-38517-65 KPV(c)/PBB/IMP(1)/DVI(1)/T Po-1/Pr-1/Pa-1 RA/RA

ACCESSION NR: AP0007602

9/0516/64/000/002/0057/0062

AUTHOR: Sadykhzade, S. T.; Mamedov, T. T.; Salakhova, S. Ya.; Khudayevov, R. A.

TITLE: Ionic polymerization of pentenes

SOURCE: Azerbaydzhanskij khimicheskij zhurnal, no. 2, 1964, 57-62

31
28
6

TOPIC TAGS: Polyolefin synthesis; cationic polymerization; pentene polymerization; Ziegler catalyst; batch polymerization; catalytic dehydration; olefin synthesis

ABSTRACT: The batch polymerization of pentene isomers at atmospheric pressure on the Ziegler catalyst $\text{Et}(\text{C}_2\text{H}_5)_2\text{Al}(\text{C}_2\text{H}_5)_2\text{TiCl}_4$ was studied experimentally to determine the effects of conditions, catalyst composition and monomer structure on yield and polymer properties. 1-Pentene, 1-methyl-1-butene, 2-methyl-1-butene and 2-methyl-2-butene were prepared by catalytic dehydration of n-amyl and isomethyl alcohols and polymerized in n-hexane, n-heptane, 1-octane or solvent heptane solution in a nitrogen atmosphere at 10-70°C, 1:1-8 mole ratio of $\text{Et}(\text{C}_2\text{H}_5)_2\text{Al}(\text{C}_2\text{H}_5)_2\text{TiCl}_4$, 2.3-20.4 g/liter catalyst concentrations and 2-3 mole/liter monomer concentrations. As indicated by selected experimental results, a 1-3 hr. reaction time gave 9.1-59 wt% yields of white

Card 1/2

L 38517-65

ACCESSION NR: AP5007502

and solid elastomers. The highest yield was obtained from 1-pentene at 70°C in n-heptane and only the polymer produced from 1-pentene was soluble in toluene on heating. Molecular weights of 5×10^5 for poly-1-pentene and 5.04×10^5 for poly-3-methyl-1-butene were determined. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: 00 *LC*

NO REF SOV: 005

OTHER: 01A

Card 2/2 *rip*

KFUDAYBERDYEV, A.A.

Ground water. Trudy TashGU no.185:109-119 '61. (MIRA 14:12)
(Surkhan-Darya Province--Water, Underground)

KHUDAYBERDYEV, A.A.

Ground water. Trudy TashGU no.185 Geog. nauki no.21:109-119
'61. (MIRA 16:8)
(Surkhan-Darya Province--Water, Underground)

[↓]
KHUDAYBERDYEV, D.

"O golovnom ukazatele turkmenov."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

KHUDAYBERDYEV, D., dotsent

Congenital defects of the diaphragm and diaphragmatic hernias.
Zdrav. Turk. 4 no. 2:23-24 Mr-Apr '60. (MIRA 13:10)

1. Iz kafedry normal'noy anatomii (zav. - prof. S.S. Danilov)
Turkenskogo gosudarstvennogo meditsinskogo instituta imeni
I.V. Stalina.

(DIAPHRAGM---HERNIA)

^U
KHUDAYBERDIYEV, N.D.

("Practice in the Control of Infectious Diseases" from material received by the editor)

3. Extract: "Eradicating Leptospirosis in Farm Animals" by N. D. KHUDAYBERDIYEV (Moscow Fur Institute). In 1951 the author and practicing veterinarians carried out measures for controlling leptospirosis in farm animals on farms with a poor record for this disease. Among other measures for the prevention and treatment of the disease, the hyperimmune anti-leptospirosis serum and quinosol vaccine suggested by Stalin prize winner, Professor S. Ya. Lyubashenko, were widely employed. (Page 37, Veterinariya, No. 11, 1952)

30: Report U-5638, 16 March 1954, p. 58.

KHUDAYFERDIYEV, N.D.

Karakul Sheep

Leptospirosis in karakul sheep. Kar. i zver., 4, No. 2, 1952.

Monthly list of Russian Accessions, Library of Congress, June, 1952. Unclassified.

KHUDAVERDIYEV, N. S.

Asst, Chair of Microbiology and Zoohgiene (ASKhI)

Dissertation: "Data on the Epizootiology of Pasteurellosis of Pigs in the Nagorno-Karabakhskaya Autonomous Oblast and the Development of Active Inoculation Against It." Cand Vet Sci, Azerbaydzhan Agricultural Inst (ASKhI), 30 Jun 54. (Bakinskiy Rabochiy, Baku, 29 Jun 54).

SO: SUM 316, 23 Dec 1954

KHUDAYBERDIYEV, N. S.

In the city of Kirovabad (Gandzhinskaya Oblast, Az SSR) was held an intercollegiate scientific conference of the Azerbaidzhan Agricultural Institute imeni L. P. Beriys, together with the Yerevan and Georgian Zooveterinary Institutes, dedicated to the 32nd Anniversary of the establishment of soviet power in Azerbaidzhan.

The conference heard the report of Assistant N. S. KHUDAYBERDIEV-
"On the Problem of Specific Prophylaxis in Pasteurellosis of Pigs"

SO: Veterinariya, Vol. 29, No. 8, p. 60-61, August 1952 uncl de g
Trans. #126 by L. Lulich

KHUDAYBERDYEV, Ruzykul, Cand Biol Sci -- (diss) "Fossil
lignin of ^{LOA}Smolino Island." Len, 1958, 16 pp (Acad Sci
USSR. Botanical Inst im V.L. Komarov) 130 copies
(FL, 23-58, 10h)

- h5 -

KHUDAYBERDYEV, R.

Fossil woods from the environs of Lake Smolino. Uzb.biol.zhur.
no.1:53-62 ' 58. (MIRA 11:12)

1. Institut botaniki.
(Smolino region--Trees, Fossil)

KHUDAYBERDYEV, Ruzykul

Fossil woods from the Lake Smolino region. Bot. zhur. 43 no. 5:704-710 My '58. (MIRA 11:7)

1. Botanicheskiy institut im. V.L.Komarova, Akademii nauk
SSSR, Leningrad.

(Smolino region--Trees, Fossil)

CHAVCHAVADZE, Ye.; KHUDAYBERDIYEV, R.

Nature of pores in the wood parenchyma cells of some conifers.
Uzb. biol. zhur. no. 4:18-24 '60. (MIRA 13:10)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR i Institut
botaniki AN UzSSR.

(WOOD—ANATOMY)

KHUDAYBERDYEV, R.

Fossil wood of *Taxodioxylon cryptomerioides* Chydajb. sp. n.
from the Tertiary sediments near Cheliabinsk. Trudy TashGU
no.187:111-117 '61. (MIRA 15:3)

1. Institut botaniki AN UzSSR.
(Cheliabinsk region--Trees, Fossil)

KHUDAYBERDYEV, R.

Ginkgo wood from the Upper Cretaceous of southwestern Kyzyl Kum.
Dokl.AN SSSR 145 no.2:422-424 J1 '62. (MIRA 15:7)

1. Institut botaniki AN Uzbekskoy SSR. Predstavleno akademikom
V.N.Sukachevym.

(Kyzyl Kum -Ginkgo, Fossil)

KHUDAYBERDYEV, R.; SAIDOV, D.K., otv. red.; MOSHCENKO, Z.V.,
red.; YENGALYCHEVA, D., red.

[Fossil trees of the Turgay type] Iskopaemye drevesiny
turgaiskogo tipa. Tashkent, Nauka, 1964. 102 p.
(MIRA 18:8)

1. Chlen-korrespondent AN UzbekSSR (for Saidov).

KHUDAYBERDIYEV, R.

A category of scillatory systems. Izv. AN Uz. SSR. Ser. tekhn.
nauk 9 no. 1:88-89 '65 (MIRA 19:1)

1. Institut mekhaniki i Vychislitel'nyy tsentr AN Uzbekskoy
SSR. Submitted October 5, 1964.

USSR/Morphology of Man and Animals - Vascular System.

S-5

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26526

Author : Khudayberdyev, R.I.

Inst :

Title : The Arterial Blood Supply of the Tibial and Common Peroneal Nerves.

Orig Pub : Dokl. AN UZSSR, 1956, No 9, 61-63.

Abstract : By injecting the vessels of 123 lower extremities with a rubber substance "Nayrit" L-4.5-10% solution of colloidin in acetone and 5-10% emulsion of red lead in turpentine, it was revealed that the blood supply of the tibial nerve, in cases of the usual division of the sciatic nerve (94 specimens), is through the third perforating, the iliac, the posterior tibial and the peroneal arteries. In the popliteal fossa the main source of blood supply to the tibial nerve is the popliteal

Card 1/2

KHUDAYBERDYEV^Y, R. I. Doc: Med Sci -- (diss) "On the Problem of
the Arterial Blood Supply of Lower-Appendage Nerves." Tashkent, 1957.
17 pp 20 cm. (Academy of Medical Sciences USSR), 150 copies
(KL, 17-57, 99)

- 60 -

USSR/Human and Animal Morphology. Nervous System.

S

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69610.

Author : KhudayVerdyev, R.I.

Inst :

Title : Clinical and Morphological Findings on the
Influence of Acutely-Developing Ischemia on the
Nerves of the Hindlimb of the Dog.

Orig Pub: Med. zh. Uzbekistana, 1957, No 1, 38-42.

Abstract: Ligation of the main vessel [presumably the
femoral artery] of the hindlimb in the dog induces
ischemic neuritis of the extremity, accompanied
by various neurologic disturbances, from mild pare-
sis to complete paralysis. Discontinuation of the
circulation in the major vessel of the hindlimb
also elicits pathologic changes of the nerves of

Card : 1/2

18

Card : 2/2

Khudayberdiyev, R.I.

USSR / Human and Animal Morphology: (Normal and Pathological),
Cardiovascular System.

S

Abs Jour : Ref Zhur - Biol., No 21, 1958, No 97105

Author : Khudayberdiyev, R.I.

Inst : 2nd Moscow Medical Institute

Title : Blood Supply of the Nerves of the Lower Extremity.

Orig Pub : Uch. zap. 2y Mosk. med. in-t, 1957, 4, 130-134

Abstract : It was shown on 163 preparations of the lower extremities of humans of various ages that the basic source of the blood supply of the sciatic nerve is the inferior gluteal, first, second and third perforating arteries; of the tibial nerve, popliteal and posterior tibial arteries; of the peroneal nerve, popliteal artery and muscular branch of the deep peroneal nerve, anterior tibial artery; of the femoral nerve, iliofemoral and femoral arteries. It was discovered in 15 rabbits and 24 dogs that by ligation of vessels, particularly of the common iliac artery, degenerative changes result in the nerves of the hind extremity.

Card 1/1

KHUDAYBERDYEV, R.I.

Morphology of the plevic plexus in dogs. Med. zhur. Uzb.
no. 2:43-45 F '61. (MIRA 14:2)

1. Iz kafedry normal'noy anatomii (zaveduyushchiy - dotsent Kh.Z.
Zakhidov) Tashkentskogo gosudarstvennogo meditsinskogo instituta.
(PELVIS—INNERVATION)

KHUDAYBERDYEV, R.I., prof.; VOZNESENSKAYA, N.L., kand.med.nauk

Brief report on the work of the Tashkent Scientific Society
of Anatomists, Histologists and Embryologists. Med.zhur.Uzb.
no.8:78-79 Ag '62. (MIRA 16:4)
(ANATOMY, HUMAN—CONGRESSES)

KABINOV, V.N.; KHUMBATBOV, T.M.

chemotherapy in experimental cancer. Trudy Inst. kancer. (MMA 17:6)
med. no.5:175-179 '63.

KHUD'YBERDYEVA, D.

"Projections of the Visceral Branches of the Abdominal Aorta to the Wall of the Stomach and Their Relationship to Certain Characteristics of the Structure of the Human Body." Cand Med Sci, Turkmen Medical Inst, Ashkhabad, 23 Nov 54. (TI, 11 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

MILOGRADOVA, Ye.I.; KHUDAYBERDYEVA, R.

Cultivation of chlorella pyrenoidosa Chick. Uzb. biol. zhur.
no.5:36-39 '61. (MIRA 17:2)

1. Institut botaniki AN UzSSR.

MUZAFAROV, A.M.; MILOGRADOVA, Ye.I.; SKRYABINA, T.A.; KHUDAYBERDYEVA, R.

Chlorella cultivation in Uzbekistan. Uzb. biol. zhur. no.3:16-21
'61. (MIRA 14:6)

1. Institut botaniki AN UzSSR.
(ALGAE—CULTURES AND CULTURE MEDIA)

MILOGRADOVA, Ye.I.; BERDYKULOV, Kh.; KOSTINA, V.P.; KHUDAYBERDYEVA, R.N.

Methods for mass cultivation of chlorella. Uzb. biol. zhur. 7
no.3:38-41 '63. (MIRA 16:9)

1. Institut botaniki AN UzSSR.

MILOGRADOVA, Ye.N.; BERD^KULOV Kh.A.; KOSTINA, V.P.; KHUDAYBERDYIEVA, R.N.

Large-scale cultivation of *Chlorella*. Uzb. biol. zhur. 8 no.5:
63-66 '64 (MIRA 18:2)

1. Institut botaniki AN UzSSR.

L 52629-65 EWP(s)/EWI(m)/EWP(1)/EWP(2)/EWP(3)/EWP(4)/EWP(5)/EWA(h) Pg-4/Peb DIAAP/LJP(o)
JD/GS/NH

ACCESSION NR: AT5012705

UR/0000/64/000/000/0001/0003

AUTHOR: Lobanov, Ye. M.; Chanyshiev, A. I.; Durov, A. G.; Khudayberganov, A. Ashitov, M. G.

30
29
B+1

TITLE: Determination of impurities in boron and in quartz crystals by means of neutron activation analysis

SOURCE: Vsesoyuznoye koordinatsionnoye soveshchanie po aktivatsionnomu analizu. Ist, Tashkent, 1964. Trudy. Tashkent, Izd-vo Nauka UzSSR, 1964, 91-93

TOPIC TAGS: activation analysis, neutron bombardment, boron analysis, quartz analysis, gamma spectrometer

ABSTRACT: The article describes a γ -spectrum variant of the activation analysis of boron and quartz crystals without their chemical decomposition. After irradiation in the thermal column of a reactor, the γ spectra of the samples were recorded with a multi-channel scintillation gamma-spectrometer. The impurities being determined were identified directly by means of the energies of the γ lines observed in the spectrum. The amounts of Co, Mn, and Na present in boron were determined; the values obtained were multiplied by a correction factor of 6, which was required because boron absorbs neutrons strongly and their flux in the bulk of the sample is much weaker than at its surface. In

Card 1/2

L 52629-65

ACCESSION NR: AT5012705

quartz crystals, the following impurities were determined: Na, Al, Co, Fe (synthetic quartz) and Na, Al Sb (natural varieties). Orig. art. has: 1 figure and 1 table.

ASSOCIATION: Institut yadernoy fiziki AN UzSSR (Institute of Nuclear Physics, An UzSSR)

SUBMITTED: 02 Dec. 64

ENCL: 00

SUB CODE: IC, NP

NO REF SOV: 000

OTHER: 000

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